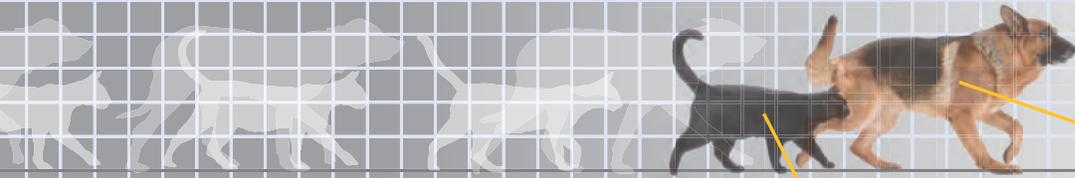


respons[®]910Net



The *Vet Driven* Laboratory Diagnostic System



An in-practice diagnostic system that puts the power of choice back in your hands!

DiaSys Diagnostic Systems puts the power of choice back in your hands by allowing you to determine critical laboratory diagnostics in your practice. With an industry leading 30 assays and six calculated tests available, the **respons[®]910VET** system is designed to provide customizable clinical chemistry test ordering that is matched to your practice's specific needs. We give you the power to choose your testing, your way, when you need it and by utilizing similar technologies used in reference laboratories. The results? An easy to use, highly accurate, reliable and cost-effective way to perform in-practice diagnostic testing.



The DiaSys Promise: Laboratory Diagnostics Done Your Way.



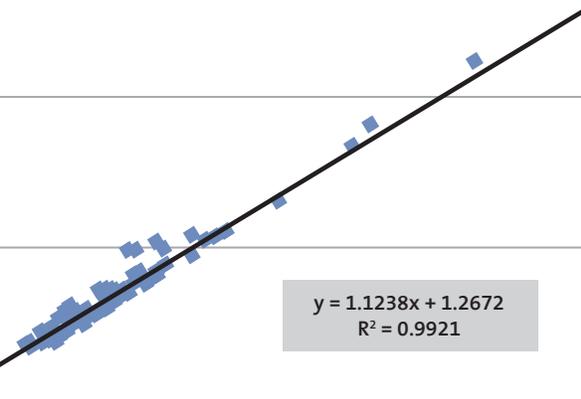
Redefined ease of use

Simplified test ordering is at your fingertips with minimal operator intervention. Just add the sample, request the test and run. It's that easy.

The fully automated **respons[®]910VET** makes routine chemistry analysis more efficient by simplifying workflow and effectively utilizing operator time and effort. Ordering is made by a single test or panels and performing re-runs is just as easy.

Any test, any combination, any time. It's your choice. Uniquely designed reagent packaging utilizing our proprietary liquid ready-to-use reagent technology allows for rapid reagent addition, when required. The **respons[®]910VET** provides an on-board capacity of 30 different tests, each chemistry container providing up to 200 analyses. This capacity helps to eliminate trips back and forth to the refrigerator to replenish reagents by your operator. Multiple patient samples, sample types and species can be run simultaneously. With our smartly designed stat port, there is no need to wait for prior results to be complete in order to add the next sample. The system's highly intuitive user interface adds to ease of use with its simplified step-by-step design.

AST [U/L] **respons**®910VET



AST [U/L] Olympus AU640

Result accuracy assured

The **respons**®910VET delivers reference laboratory technology to your practice in a compact point-of-care system. You can count on reference laboratory quality of results time after time with proven correlation to validated methods. Testing accuracy is assured as a result of our fully integrated design of optimized reagents and proprietary analyzer technology. Optimized reagent methodologies minimize the impact of interfering substances such as lipids, bilirubin and hemoglobin on results. An integrated bar code reader further increases result confidence by providing positive sample and reagent identification.



Reliability built in by design

This workhorse loves to be pushed. Lower, mid or higher volume testing are no problem for the **respons**®910VET. Our technology is based upon long-standing laboratory industry design which has withstood the test of time. You can expect dependable operation day-by-day with our fully automated set of integrated system sensors keeping all system operations in check. The **respons**®910VET system has a long useful life with built-in capacity for meeting volume growth and changing test menu requirements. You stay on the cutting edge as your practice grows and new testing protocols develop. Need assistance? Just call us! Our highly trained support staff is dedicated to the veterinary industry and available for ongoing consultation.

DiaSys

USA

Driven by innovation

Innovation is a core principle upon which we manage our veterinary business. Our instrument line is expanding with the introduction of greater throughput systems which deliver comprehensive menu options in higher volume settings. Our offerings are growing in the disciplines of hematology, electrolyte testing and practice management systems. It is this commitment to innovation which will keep our customers on the forefront of the latest technological advances in the field of veterinary laboratory diagnostics. All systems are designed to provide choice in how veterinarians configure their laboratory testing.

Configured for cost-effective operation

Veterinary laboratories require both efficiency and cost effectiveness to be able to stay ahead in today's highly competitive business environment. Cost effectiveness is built-in with liquid ready-to-use and room temperature stable reagents that provide one of the lowest cost per test in the industry. Operator time handling reagents is minimized as a result of extended on-board reagent stability, on-board test capacity and extended reagent shelf life. Operator time performing maintenance is minimal adding to the system's efficiency. As your practice changes the **respons**®910VET system will help you keep up. It's a system that is built to last with industry leading throughput making it ideal for mid to higher testing volumes. With the **respons**®910VET, there is no need for additional analyzers as your volume grows.



Commitment to Quality: Innovative system design delivers results of the highest quality

DiaSys Diagnostic Systems has been at the leading edge of innovative reagent development for over two decades. We are the world leader in the development of liquid, ready-to-use products with extended room temperature stability. Our growing menu of 30 assays and six calculated tests provide you access to a wide range of testing methodologies within your practice. Reagent applications for the **respons910[®]VET** system are specifically configured to minimize the impact of interfering substances such as lipids, bilirubin and hemoglobin in samples. Extended linearity of our assays nearly eliminates repeat testing due to sample results being out of range. Our fully integrated system—made up of easy-to-use analyzer, proprietary reagents and optimized applications—assures the most cost-effective and highest-quality results, time after time. Quality you can count on. To us, results matter!



Technical specifications

System type	Bench top clinical chemistry analyzer
Throughput	100-150 test/hour
Reagent/sample tray	30 reagent positions plus 30 sample positions; combined in single tray
Sample types	Serum, plasma, whole blood, CSF, urine
Sample volume	2-30 μ L
Reagent pipetting volume	Reagent 1: 120-250 μ L Reagent 2: 10-130 μ L
Sensors	Liquid level sensor, clot detection sensor and probe sensor
STAT-analytics	Two sample positions for loading of emergency samples at any time
Bar code identification	Automated bar code reader for reagent and sample
Measuring principle	Colorimetry (rate; end point)
Sample tubes/cups	Primary tubes of 5, 7, and 10 mL and sample cups (1.5 and 2.5 mL)
Reagent on board capacity	30 different methods in bar coded containers
Reaction temperature	37 \pm 0.2 $^{\circ}$ C
Photometry	12 wavelengths: 340, 380, 405, 450, 480, 508, 546, 570, 600, 660, 700 and 800 nm (mono and bi-chromatic)
System interface	Analyzer to PC: USB 2.0 connectivity bi-directional; PC: Pentium IV or higher
PMS/LIS connectivity	Yes
Remote diagnostics	Yes
Power source	AC 110/220 V, 60/50 Hz; 300 VA excluding PC/printer/monitor
Dimensions	24 in (W) x 26 in (D) x 24 in (H) / 60 cm (W) x 67 cm (D) x 60 cm (H)
Weight	Approximately 132 lbs / 60 kg



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